

ER-2 #806 02/09/17

Aircraft:

[ER-2 #806](#) (See full schedule)

Flight Number:

17-6020

Payload Configuration:

AVIRIS-C, MASTER, HyTES

Nav Data Collected:

Yes

Total Flight Time:

3.6 hours

Comments:

Takeoff at 0856; Landing at 1232 for a 3.6 hour mission. Weather over Kauai mostly clear (5% clouds); two lines along the coast: 0% clouds. The line over the Moby Buoy had 0% clouds. The Big Island (BI) line had haze ? can see it from high altitude. Western part of the BI had clouds inland. The eastern side of the BI had lots of clouds. Line 28 was good. During the middle part of L29, AVIRIS Q-9 Fail Light came on. The pilot recycled Q-Bay power multiple times but the fail light remained on. Continued the mission with the AVIRIS fail-light on. Completed lines 30 and 31. L30 was sky clear (0% clouds). L31 had 5% clouds. The Trade Wind line (L8) had 90% clouds. It was decided to RTB because the sun angle went ?out of the solar window? for data collection. Tim Williams was the pilot.

Submitted by:

Kevin Walsh on 02/09/17

Flight Segments:

From:	MCAS Kaneohe Bay, HI	To:	MCAS Kaneohe Bay, HI
Start:	02/09/17 18:56 Z	Finish:	02/09/17 22:32 Z
Flight Time:	3.6 hours		
Log Number:	172032	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Purpose: The 10th science mission of the campaign was to fly coral lines around Kauai, Molokai, Maui, Oahu; and volcano lines over the Big Island.		

Flight Hour Summary:

	162013	172032
Flight Hours Approved in SOFRS	90	
Flight Hours Previously Approved		90
Total Used	0	65.3
Total Remaining		24.7

172032 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
01/17/17 - 01/18/17	17-6010	Transit	6.8	6.8	83.2
01/19/17	17-6011	Science	3.2	10	80
01/26/17	17-6012	Science	2.4	12.4	77.6
01/27/17	17-6013	Science	2.1	14.5	75.5
01/27/17	17-6014	Science	3.9	18.4	71.6
01/29/17	17-6015	Science	2.6	21	69
02/02/17	17-6016	Science	3.5	24.5	65.5
02/03/17 - 02/04/17	17-6017	Science	4.8	29.3	60.7
02/07/17 - 02/08/17	17-6018	Science	2.1	31.4	58.6
02/08/17	17-6019	Science	3.2	34.6	55.4
02/09/17	17-6020	Science	3.6	38.2	51.8
02/10/17	17-6021	Science	2.8	41	49
02/12/17	17-6022	Science	0.6	41.6	48.4
02/21/17 - 02/22/17	17-6023	Science	5	46.6	43.4
02/22/17	17-6024	Science	2.7	49.3	40.7
02/23/17	17-6025	Science	3	52.3	37.7

02/24/17	17-6026	Science	5.4	57.7	32.3
03/03/17 - 03/04/17	17-6027	Transit	7.6	65.3	24.7

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_02_09_17_0

[NASA Home](#)

Page Last Updated: April 22, 2017

Page Editor: Erin Justice

NASA Official: Bruce A. Tagg

- [Budgets, Strategic Plans and Accountability Reports](#)
- [Equal Employment Opportunity Data Posted Pursuant to the No Fear Act](#)
- [Information-Dissemination Policies and Inventories](#)
- [Freedom of Information Act](#)
- [Privacy Policy & Important Notices](#)
- [NASA Advisory Council](#)
- [Inspector General Hotline](#)
- [Office of the Inspector General](#)
- [NASA Communications Policy](#)
- [Contact NASA](#)
- [Site Map](#)
- [USA.gov](#)
- [Open Government at NASA](#)

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.